

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
7 August 2003 (07.08.2003)

PCT

(10) International Publication Number
WO 2003/064271 A3

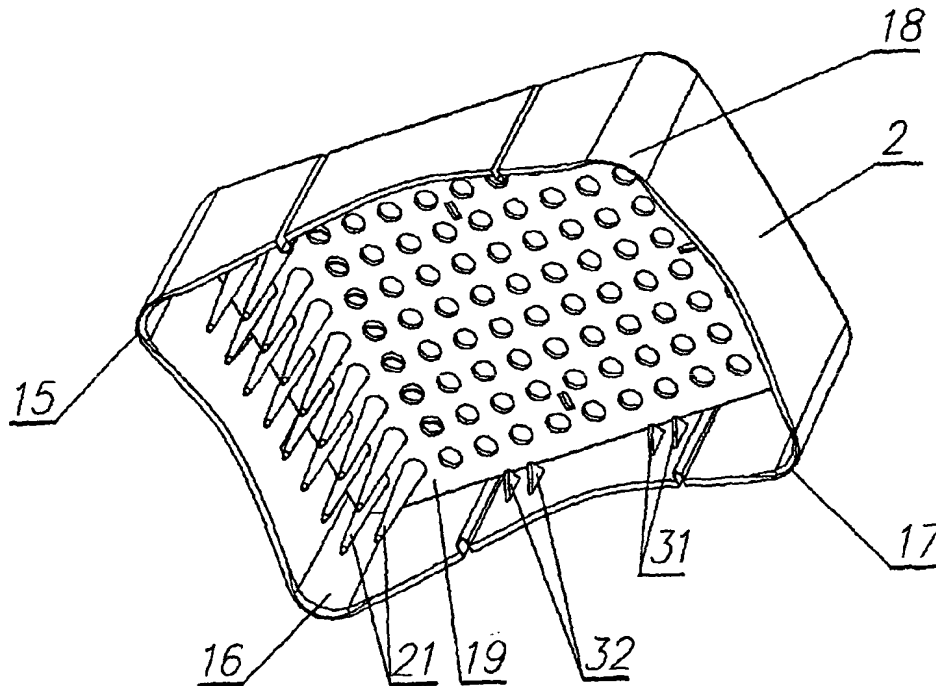
- (51) International Patent Classification⁷: B01L 9/00, 3/02, B65D 71/00, 85/42, 25/10
- (21) International Application Number:
PCT/PL2003/000007
- (22) International Filing Date: 21 January 2003 (21.01.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
P.351910 29 January 2002 (29.01.2002) PL
- (71) Applicant (for all designated States except US): "PZ HTL" Spółka Akcyjna [PL/PL]; ul. Daniszewska 4, PL-03-230 Warszawa (PL).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): SARNA, Wojciech [PL/PL]; ul. Walbrzyska 19 m. 32, PL-02-739 Warszawa (PL). JANKOWSKI, Andrzej [PL/PL]; ul. Sucharskiego 4 m. 74, PL-01-390 Warszawa (PL).
- (74) Agents: SŁOMCZYNSKA, Elzbieta et al.; Polservice Sp. z o.o., P.O. Box 335, 00-950 Warszawa (PL).
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for all designations
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for all designations

[Continued on next page]

(54) Title: PIPETTE TIP CONTAINER



(57) Abstract: Pipette tip container comprises a base for setting a tray (19) with tips (21) and a cover being a tray feeder (2), wherein two opposite elastic side walls of the feeder (2) have on their inner side wedge-shaped projections (31, 32) for the tray (19) with tips (21).



Published:

- *with international search report*
- *with amended claims and statement*

Date of publication of the amended claims and statement:

22 April 2004

(88) Date of publication of the international search report:
18 March 2004

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

AMENDED CLAIMS

[Received by the International Bureau on 25 September 2003 (25.09.03):
original claims 1-10 replaced by claims 1 - 5 [3 pages] *

Claims amended under Article 19(1)

1. Pipette tip container comprising a base (1) for setting a tray (19) with tips (21) and a cover being a tray feeder (2), characterised in that comprises

elastic holders (27, 28) on two opposite side walls (23, 24) of the feeder (2),

wedge-shaped projections (31, 32) on inner side of the elastic holders (27, 28), wherein lower edges of wedge-shaped projections (31, 32) abut against opposite side walls (3, 5) of the base (1) whereas on upper edges of the wedge-shaped projections (31, 32) the tray (19) with tips (21) is supported,

elastic links (29, 30) of the feeder (2) disposed between its side walls (23, 25) and elastic holders (27, 28) and

grooves (13, 14) for elastic links (29, 30) of the feeder (2) wherein the grooves (13, 14) are disposed in the opposite side walls (3, 5) of the base (1).

2. The container according to the claim 1, characterised in that the feeder (2) has protruding downwards corners (15, 16, 17, 18), which cooperate

REPLACEMENT SHEET under Art. 19(1)

AMENDED SHEET (ARTICLE 19)

with protruding above top surface of the base (1) corner guides (7, 8, 9, 10) of this base (1).

3. The container according to the claim 1, characterised in that the tray (19) has rings (34) around holes, wherein inside diameters of the rings (34) are equal to diameters of the holes and on upper edges of the rings (34) short tips (33) are set.

4. The container according to the claim 1, characterised in that upper portion (22) of the feeder (2) has an inner stabilising ring (36) surrounding upper portions of long tips (35) outside diameter dimension of which is close to the spacing of holes in the tray (19).

5. The container according to the claim 4, characterised in that the base (1) has in its lower portion additional bottom base (37) to house lower portions of long tips (35).

REPLACEMENT SHEET under Art. 19(1)

AMENDED SHEET (ARTICLE 19)

Statement under Article 19

There are amendments in the originally filed claims of the international application PCT/PL03/00007 made in the course of the international procedure of the PCT proceeding and in relation to the received International Search Report.

The following differences between the claims as originally filed and the claims as amended under Article 19(1) of the PCT should be clearly indicated:

the claim 1 replaces the originally filed claims 1 to 3, 6, 7 and this claim encompasses the features of originally filed mentioned claims and the feature depicted on Fig. 5 and 6 of the drawings;

the claim 2 replaces the originally filed claims 4 and 5 and this claim encompasses the features of originally filed mentioned claims;

the claim 3 replaces the originally filed claim 8, wherein the features of the originally filed claim 8 are now specified with relation to the disclosure of the patent document US 6 286 678 and Fig. 8 of the drawings;

the claims 4 and 5 replace the originally filed claims 9 and 10.